

# Resource Summary Report

Generated by RRID on Sep 10, 2026

## University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility

RRID:SCR\_025145

Type: Tool

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### Proper Citation

University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility (RRID:SCR\_025145)

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### Resource Information

**URL:** <https://eelliottnew.weebly.com/pitt-isotope-tracers-lab.html>

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**Description:** One of several isotope labs in Department of Geology and Environmental Science formerly known as Regional Stable Isotope Lab for Earth and Environmental Science Research, has capacity for wide variety of isotopic measurements in multitude of sample media. Capabilities include: Nitrate ( $^{15}\text{N}$ ,  $^{18}\text{O}$ ,  $\text{D}^{17}\text{O}$ ); Greenhouse and trace gases like carbon dioxide ( $^{13}\text{C}$ ,  $^{18}\text{O}$ ), nitrous oxide ( $^{15}\text{N}$ ,  $^{18}\text{O}$ ), methane ( $^{13}\text{C}$ ); Nitrogen, carbon, and sulfur ( $^{15}\text{N}$ ,  $^{13}\text{C}$ ,  $^{34}\text{S}$ ) in organic and other solid materials (e.g., biota, soils); Ammonium ( $^{15}\text{N}$ ); Dry reactive nitrogen deposition ( $^{15}\text{N-NH}_3$ ,  $^{15}\text{N-NO}_2$ , and  $^{15}\text{N-HNO}_3$ ); and Carbonates ( $^{13}\text{C}$ ,  $^{18}\text{O}$ ).

**Abbreviations:** PIT

**Synonyms:** University of Pittsburgh Dietrich School Pitt Isotope Tracer Lab

**Resource Type:** access service resource, core facility, service resource

**Keywords:** ABRF, isotope tracer, isotopic measurements, organic and other solid materials, greenhouse and trace gases,

**Resource Name:** University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility

**Resource ID:** SCR\_025145

**Alternate IDs:** ABRF\_2692

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=2692&citation=1>

**Record Creation Time:** 20240326T053237+0000

**Record Last Update:** 20260905T133451+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility.

No alerts have been found for University of Pittsburgh Dietrich School of Arts and Sciences Pitt Isotope Tracer Lab Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Butkus CR, et al. (2025) A Lecithin Liposome Stimulates Soil Microbial Respiration and Nitrate Immobilization. ACS agricultural science & technology, 5(12), 2509.